



## CUG plans for research on U of T decision-making

The Commission on University Government, after two meetings largely devoted to discussion of the various constituents which should have a voice on the supreme governing bodies, decided that a research analysis of the whole decision-making apparatus of the university would be helpful.

Accordingly, the Commission agreed that a researcher should make as soon as possible a study that would identify the various levels, the decisions they make, the kind of participation at each level, and the persons whom the decisions affect.

The discussion began with the role of alumni. The position of the Commission was interpreted to be that alumni and professional associations should be permitted to have voting representation in faculty councils and departments, where their knowledge and experience would make an effective contribution and where effective decision-making takes place. But their representation should be small enough that they should never dominate academic decision-making. One member added that this was primarily a matter of effective communication and an interchange of ideas, not a matter of power, and that alumni groups could provide a useful channel of communication to and from the outside world.

There was general agreement among members that, if there was government representation at any level of the university governmental structure, that representation should be of persons appointed by the government rather than persons who were at the time members of the government. It was suggested that what the university really needed was laymen who, when they believed it was necessary for the welfare of the university, would fight the government on its behalf.

## Kerr to speak in ROM theatre

Royal Ontario Museum theatre is the place where Dr. Clark Kerr will deliver a major public address, in two parts, on Feb. 5 and 6 at 8 p.m. during his visit to the St. George Campus as Visiting Lecturer in American Studies.

The subject of the address is "Higher Education in the United States and its Discontents". The speaker was president of the University of California at the time of student disturbances at Berkeley.

Since his retirement as president, Dr. Kerr has been professor of industrial relations at Berkeley and, at the same time, is chairman and executive director of the Carnegie Commission on the Future of Higher Education.

While here, Dr. Kerr will take part in a Centre for Industrial Relations seminar on "Industrial Relations and University Relations" on Feb. 4 at 3.30 p.m. in the Senate chamber, Simcoe Hall. He will also confer with senior staff members and meet students on at least two informal occasions. He is to attend a meeting of the Commission on University Government at 10 a.m. Feb. 6 in the Senate chamber.

A student member pointed out that the government already had a very effective voice in university policy because it held "the power of the purse" and that personal "pull" and influence in matters of financing were being replaced by a relatively inflexible system of government formula financing.

While there was agreement with this view, it was pointed out that what saved a "good" university from mediocrity was the addition of private funds to its resources. In this the layman had an indispensable part, not as a pressure point on government, but as a means of co-alescing and directing private moneys. Laymen also had an important role to play as critical assessors and as a group of individuals, to make integrated financial and academic decisions. However, in order to do this, laymen should operate as a self-contained group within the larger academic group.

The President's Council was cited as an example of a group which strongly influences policy and of a collection of individuals from various estates of the university, which, as an experiment, had been most successful and acceptable. The success of the Council confirmed the be-

(See page 4, col. 1)

## President's Council is open to University community

The next regular meeting of the President's Council will be held in the Council Chamber of the Galbraith Building on Monday, February 10, 1969, beginning at 2 p.m. Future meetings are scheduled for March 10 and April 14, also in the Council Chamber of the Galbraith Building at 2 p.m.

At its meeting on January 13 the Council decided that in future all of its regular meetings would normally be open to all members of the University community. Notice of the time and place of the meetings, with the agendas as far as they are known, will be published in the *Staff Bulletin*. Reports of these meetings will be published. By prior arrangement, non-members of the Council will be able to participate.

## Tonight at 8.30 Robert Lowell will read in Convocation Hall

Robert Lowell, the distinguished poet and playwright, will read selections from his works at 8.30 p.m. today in Convocation Hall. This free event, to which staff and students are especially welcome, is the principal public appearance of the winner of the Pulitzer Prize and other literary awards during his visit to U of T.

Mr. Lowell's presence on campus has been made possible through the support

of the Associates of the University of Toronto, Inc., New York.

Born in Boston, he won the Pulitzer Prize for his second volume of poetry, *Lord Weary's Castle*. His most recent



Robert Lowell

collection of poems, *Near the Ocean*, was published in 1967.

Robert Lowell is a member of the American Academy of Arts and Letters, having been elected to succeed the late Robert Frost.

## COMING EVENTS

### JANUARY

#### 23 THURSDAY

##### Lectures

School of Graduate Studies and Department of Geography. "Edinburgh-Problems of Urban Renewal and Expansion". Prof. J. W. Watson, Professor of Geography at Edinburgh, and Visiting Professor at Manitoba. Room 621, Sidney Smith Hall. 3.30 p.m. Coffee at 3.15 p.m.

Department of Physics. "The Linac, Picosecond Pulses and Chemistry at the Speed of Light". Prof. J. W. Hunt. Room 102, McLennan Physical Laboratories. 4.10 p.m. Tea 3.45 p.m.

##### Seminars

Department of Civil Engineering. "Properties of Fresh Portland Cement and Concrete". Dr. T. C. Powers. Room G-415, Galbraith Building. 3 p.m. Staff and graduate students are welcome to attend.

Banting and Best Department of Medical Research. "Reconstitution of Mitochondrial Membranes". Dr. G. Schatz, Cornell University. Room 417, The Charles H. Best Institute. 4 p.m.

##### Poetry Reading

Reading of his own works by Robert Lowell, poet and playwright. Convocation Hall. 8.30 p.m. Sponsored by the Associates of the University of Toronto, Inc., New York.

#### 24 FRIDAY

##### Lectures

Pontifical Institute of Mediaeval Studies Lecture Series. "Methods and Objectives for the Literary History of Scholasticism". Charles H. Lohr, s.j. Teefy B, St. Michael's College. 3.10 p.m.

School of Graduate Studies and Graduate Department of Classical Studies. "Demosthenes Revisited". Prof. Piero Treves, University of Florence. Room 240, Trinity College. 4.30 p.m.

##### Seminars

Banting and Best Department of Medical Research. Two seminars by Dr. Hans Noll, Department of Biological Sciences, Northwestern University, Evanston, Ill. "Characterization of Macromolecules by Constant Velocity Sedimentation". 10 a.m. "A High Resolution Gradient Analyzing System". 2 p.m. Room 417, The Charles H. Best Institute.

##### Colloquium

Department of Chemistry. "Discrete Ion Effects On Electrode Kinetics". Prof. R. W. Fawcett, Guelph University. Room 158, Lash Miller Chemical Laboratories. 4 p.m.

##### Supper

Lobster Buffet Supper. The Faculty Club. 5.30-8 p.m.

##### Athletics

Basketball. Windsor vs. Toronto. York University, Steeles Campus. 8.15 p.m.

#### 25 SATURDAY

##### Lecture

Royal Canadian Institute. "Sable Island". Dr. Donald R. Gunn, Superintendent, Lakeshore Psychiatric Hospital. Convocation Hall. 8.15 p.m. (Illustrated with colour slides and tape recordings)

#### 27 MONDAY

##### Lectures

School of Graduate Studies and Department of Industrial Engineering. "Branch and Bound Methods in Combinatorics". Prof. Arnold Kaufmann, University of Grenoble, France. Room 202, Mining Building. 2 p.m.

School of Graduate Studies and Graduate Department of French. "Two philosophical aspects of the literary imagination: Sartre and

(See page 2, col. 1)

## Appointed & Promoted

In the Department of Botany, PROF. D. G. FORWARD has been named an additional associate chairman.

In the Department of History, MICHAEL G. FINLAYSON and MICHAEL MARRUS have been promoted to assistant professor.

PROF. FAHRIZ will be at the University of Toronto from Jan. 6 to March 20 as the NATO visiting professor. He is professor of Classical Turkish Literature and director of the Institute of Turcology in the University of Istanbul and professor of Turkish Literature at Robert College. During his stay in Toronto, his office will be in the Department of Islamic Studies.

## Written briefs are invited from individuals, groups

Individuals and groups within the university are invited to submit written briefs to the Commission on University Government. The briefs may include any remarks or recommendations relevant to the structure of university government.

Briefs should be addressed to: The Secretary, Commission on University Government, 45 Willcocks St., Toronto 5. Telephone inquiries may be made to 928-2182, -2202, or -8852.

### JANUARY 30 DEADLINE

All material for the February 6 issue should be in the hands of the editor, Mrs. Winogene Ferguson, by noon on the 30th of January. Her address is Room 225, Simcoe Hall (928-2102).



# COMING EVENTS

## JANUARY (Continued from page 1)

Bachelard". Prof. Ronald Grimsley, head, Department of French Studies, University of Bristol and visiting professor of French and Comparative Literature, Harvard University. Room 122, University College. 4.10 p.m.

### 28 TUESDAY

**Lectures** Department of Sociology. Public lecture, "Modernization and the Structure of Societies". Marion J. Levy Jr., professor of Sociology and International Affairs, Woodrow Wilson School of Public and International Affairs, Princeton University. Convocation Hall. 11 a.m. to 1 p.m.

School of Graduate Studies and Department of Industrial Engineering. "Complex Systems Reliability". Prof. Arnold Kaufmann. Room 202, Mining Building. 2 p.m.

School of Graduate Studies and Department of Chemistry. "Base-catalyzed Tautomerization and Rearrangements in the Dihydro-1,2-diazepinone System". Prof. J. A. Moore, University of Delaware, Newark. Room 158, Lash Miller Chemical Laboratories. 4 p.m.

Victoria College Public Lectures 1969. "Conscience and Consensus: Erasmus on Church Authority". Prof. J. K. McConica. Lecture Hall, Academic Building, Victoria College. 4.30 p.m.

**Seminars** School of Graduate Studies and Department of Geography. "Environment Re-examined". Dr. F. K. Hare, University of British Columbia. Room 622, Sidney Smith Hall. 3.30 p.m.

School of Graduate Studies and Department of Geology. "Fluid Inclusions And Ore Deposition". Dr. E. Roedder, United States Geological Survey, Washington. Room 128, Mining Building, 170 College St. 4 p.m. Coffee, 3.30 p.m.

School of Graduate Studies and Department of Zoology. "Lipoid Bilayers: A Natural Unit of Biological Structure". Prof. J. F. Danielli, Center for Theoretical Biology, State University of New York. Room 432, Ramsey Wright Zoological Laboratories. 4 p.m.

### 29 WEDNESDAY

**Lecture** Great Lakes Institute and Division of University Extension. Behaviour of the Great Lakes Series. "Meteorological, Evaporation, Precipitation". J. McCulloch, Meteorological Service of Canada. Room C, Faculty of Law, 78 Queen's Park. 2 p.m.

**Colloquium** School of Graduate Studies and Department of Astronomy. "Radio Astronomy Research Projects at DRAO". Dr. C. H. Costain, Dominion Radio Astrophysical Observatory, Penticton, B.C. David Dunlap Observatory. 4 p.m.

**Tours** Three tours: "Ancient Egypt" at noon, "Japan" at 1 p.m., and "Gemstones" at 2 p.m. ROM Main Rotunda.

**Athletics** Basketball. Roberts Wesleyan vs. Toronto. York University, Steeles Campus. 8.15 p.m.

### 30 THURSDAY

**Lectures** Archaeological Institute of America, Toronto Society. "The Royal Tomb at Gordian". Prof. Rodney S. Young, University Museum, University of Pennsylvania. Room 4, ROM. 4.30 p.m. Admission free.

School of Graduate Studies and Graduate Department of Classical Studies. "Vergil On The Fall Of Troy". Prof. W. V. Clausen, Harvard University. Room 240, Trinity College. 4.30 p.m.

Canadiana Lecture Series. "Historical Prints". An illustrated lecture by Mrs. Helen Ignatieff. Sigmund Samuel Canadiana Building. 8.30 p.m. Admission \$1. ROM members free.

**Music** Faculty of Music Thursday Afternoon Series. David Zafer, violin. Concert Hall. 2 p.m.

Faculty of Music Special Events Series. Robert Aitken, flute and Greta Kraus, harpsichord. Phone 928-3744 on day of performance for standing room. \$1.50. Concert Hall. 8.30 p.m.

### 31 FRIDAY

**Seminars** School of Graduate Studies and the Department of Islamic Studies. "Turkey in the 1960's". Prof. Ismet Giritli, University of Istanbul. Senior Common Room, Sir Daniel Wilson Residence, 73 St. George St. 2.30 p.m.

School of Graduate Studies and Graduate Department of Classical Studies. "A Feature of Latin Poetic Style". Prof. W. V. Clausen, Harvard University. Room 24, Trinity College. 4.30 p.m. Relevant texts will be mimeographed.

**Athletics** Hockey. Guelph at Varsity Arena. 8 p.m.

## FEBRUARY

### 1 SATURDAY

**Lecture** Royal Canadian Institute. "Electronic Music, 1948-1968 — A Retrospective View". Prof. Gustav Ciamaga. Convocation Hall. 8.15 p.m.

**Music** Joint Concert: The Festival Singers of Canada (Elmer Iseler conducting) and The Hart House Glee Club (Walter H. Barnes conducting). Great Hall, Hart House at 8.30 p.m. Tickets from Hall Porter, Hart House, 928-2452 and Festival Singers, 49 Wellington Street East, 368-1956. Mail orders accepted. Students: \$2.00; others: \$3.00 (in groups of 10 or more, \$2.50).

**Athletics** Basketball. Guelph vs. Toronto. York University, Steeles Campus. 3 p.m.

### 2 SUNDAY

**Open House** Faculty of Dentistry. 1 to 5 p.m.

**Music** Joint Concert: same as February 1, except at 9 p.m.

### 3 MONDAY

**Lecture** Royal Conservatory Opera School. Lecture on "Hamlet", 3-act opera by Humphrey Searle. Anthony Besch. MacMillan Theatre, Edward Johnson Building. 8 p.m. Free.

### 4 TUESDAY

**Lecture** Victoria College Public Lectures 1969. "The Role of Medicine in a Changing World". Dr. J. D. Hamilton. Lecture Hall, Academic Building, Victoria College. 4.30 p.m.

**Seminar** Centre for Industrial Relations. Dr. Clark Kerr, former president, University of California, and professor of industrial relations, U of C, Berkeley, will take part in a seminar on "Industrial Relations and University Relations." Senate Chamber, Simcoe Hall. 3.30 p.m.

### 5 WEDNESDAY

**Lectures** "Higher Education in the United States and its Discontents". Part I. Dr. Clark Kerr, Executive Director, Carnegie Commission on the Future of Higher Education. ROM Theatre. 8 p.m. Sponsored by the Associates of the University of Toronto, Inc., New York.

Great Lakes Institute and Division of University Extension. Behaviour of the Great Lakes Series. "Thermal Behaviour, Ice Formation". Dr. G. K. Rodgers, Room C, Faculty of Law, 78 Queen's Park. 2 p.m.

**Music** Mozart's "Requiem" and the Handel "Dixit Dominus" by the Orpheus Choir of Toronto, John Sidgwick conducting. Soloists: Alexander Gray, Lois McDonall, Joan Maxwell, John Arab and Rene Rosen. Eaton Auditorium, College Street. Reserved seats. Mail orders accepted. Box office opens Jan. 27. (\$4, \$3, \$2) UN-1-3111, ext. 2252 or 2253.

### 6 THURSDAY

**Lectures** "Higher Education in the United States and its Discontents". Part II. Dr. Clark Kerr, Executive Director, Carnegie Commission on the Future of Higher Education. ROM Theatre. 8 p.m. Sponsored by the Associates of the University of Toronto, Inc., New York.

University College Lecture Series. "George Herbert: A Reformation Reading". Prof. William Halewood. West Hall, University College. 4.10 p.m.

Department of History. "The Birth of Political Parties in Lower Canada During the First Decade of the 19th Century". Prof. Fernand Ouellet, Carleton University. Room 2135, Sidney Smith Hall. 4 p.m.

### 8 SATURDAY

**Lecture** Royal Canadian Institute. "The Australopithecines and the African Environment in which Man Evolved". Dr. C. S. Churcher. Convocation Hall. 8.15 p.m. (Illustrated)

### 10 MONDAY

**Music** Organ Recital by Dr. Charles Peaker. Convocation Hall. 5.05 p.m.

## Senate reports enrolment 31,187 approves diplomas in English

Summary of Senate Minutes, Meeting of Friday, January 10, 1969:

1. The minutes of the meeting of December 13, 1968 were approved.

2. The Senate received for information a statement by Dr. J. R. H. Morgan, Special Officer (Secondary School Liaison) regarding changes in Secondary School organization. The Senate approved a motion referring this statement to the Executive Committee of the Senate for study.

3. The Senate approved a motion that the Executive Committee consider inviting Mr. Lloyd Dennis to address the Senate. Mr. Dennis was Co-Chairman of the Provincial Committee on the Aims and Objectives of Education in the Schools of Ontario.

4. The Senate received for information a letter from the Secretary of the Board of Governors approving the limitation of enrolment in the First Year of the Faculty of Forestry for the session 1969-70 to a maximum of 60 students.

5. The Senate received for information the Final Report on Enrolment for the session 1968-69 from the Office of Statistics and Records showing a total enrolment of 31,187 full-time and part-time students.

6. With some amendments to the original wording, the Senate approved a recommendation by the Executive Committee that meetings of the Senate of the University be open to the public in the same way as meetings of Parliament. This is construed to mean:

(a) Any interested person may attend subject only to the physical limitations of the location chosen for the meeting. It is

suggested that tickets might be issued for the available places.

(b) Only members of the Senate will be permitted to speak in debate and to vote.

In addition, the Senate reserves the right to go into closed session by a simple majority vote of members present.

The Senate approved a further recommendation by the Executive Committee that members of the public be seated in a different part of the meeting place from members of the Senate to make it possible for the presiding officer to distinguish members from non-members.

The Senate discussed possible locations for open Senate meetings and expressed a strong preference for continuing to hold meetings in the traditional location, the Senate Chamber in Simcoe Hall, if it was possible to do this. The Senate concluded this discussion by passing the following motion:

"that the Executive Committee should, to the best of their ability, make arrangements for the next meeting of the Senate to be open."

8. The Senate approved a report of the Executive Committee recommending the adoption of the form of graduation diploma in English for all undergraduate and graduate degrees of the University.

9. The Senate received a report of the Executive Committee stating that the courses of study and calendar in the Faculty of Forestry for the session 1969-70 have been approved.

10. The Senate received a report of the Executive Committee stating that the appointment of seven non-University examiners in the Diploma Course in Business Administration has been approved.

## Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. oral examinations. Monday, Jan. 27

Mrs. Yvonne K. Grabowska, Department of Slavic Languages and Literatures. "The Makers and Making of History in the Works of Mark Aldanov". Thesis supervisors: Profs. H. E. Bowman and G. Struve. Room 207, 65 St. George Street. 10 a.m.

Tuesday, Jan. 28 Mother Veronica Brady, Department of English. "The Hard Enquiring Wind: A Study of Patrick White as an Australian Novelist". Thesis supervisors: Profs. F. W. Watt and S. P. Rosenbaum. Room 207, 65 St. George Street. 10 a.m.

Wednesday, Jan. 29 Roland J. Boegman, Department of Biochemistry. "ATP-Hydrolysing Enzymes of Membranes Isolated from Muscle". Thesis supervisor: Prof. J. Manery Fisher. Room 201, 65 St. George Street. 10 a.m.

Thursday, Jan. 30 P. V. Bishop, Department of Political Economy. "Canada and the Controversy

Over the Financing of U.N. Peace-Keeping Operations". Thesis supervisor: Prof. J. Eayrs. Room 207, 65 St. George Street. 10 a.m.

Tsung-Hua Liu, Department of Political Economy. "The Possibilities of Further Development of Growth Models in Relation to an Underdeveloped Economy". Thesis supervisor: Prof. W. Haque. Room 201, 65 St. George Street. 2 p.m.

Friday, Jan. 31 A. K. McQuillan, Department of Physics. "A Study of Stimulated Raman Emission". Thesis supervisor: Prof. B. P. Stoicheff. Room 207, 65 St. George Street. 2 p.m.

Nancy Ossenbeger, Department of Anatomy. "Discontinuous Morphological Variation in the Human Cranium". Thesis supervisors: Profs. K. O. McCuaig, J. E. Anderson and M. C. Hall. Round Room, Massey College, Devonshire Place. 2 p.m.

Kam Yuen Wong, Department of Chemical Engineering. "Fast Gas Phase Isotopic Exchange Reactions in Nitrogen Oxides". Thesis supervisor: Prof. R. E. Jervis. Room 201, 65 St. George Street. 2 p.m.





### Six of the people who help to make the non-academic wheels go 'round

Familiar faces with new responsibilities, new faces with new responsibilities, are seen in these pictures of some of the people at Simcoe Hall and 215 Huron Street who share in the strenuous task of administration. Left, above, *left to right*, are John F. Brook, back at U of T after a stint as secretary-treasurer of the Royal Ontario Museum to be Executive Assistant to Alex R. Rankin, Executive Vice-President (Non-Academic); Keele S. Gregory, Administrative

Assistant (Capital Budgets), and M. Alex Malcolm, formerly Personnel Director, now Director of Administrative Services.

In the photograph at the right are, *left to right*, Henning Mikkelsen, Director of Data Processing; Joseph Powadiuk, Manager of Personnel Services, and Peter Robinson, recently appointed Director of Finance.

## STAFF NOTES

### Arts and Science

PROF. D. A. MACRAE on Dec. 12 attended the founding meeting of the Universities Space Research Association in Washington.

PROFS. ANAND, CLEMENT, KRONBERG and ROEDER attended the "Texas" symposium on Relativistic Astrophysics in Tucson, Ariz., Dec. 16-20.

PROF. R. C. ROEDER conducted a discussion on "Problems Concerning the Absorption Line Spectra of Quasi-Stellar Objects" at the Steward Observatory of the University of Arizona, Dec. 13.

PROF. A. P. THORNTON visited the University of Texas at Austin, Dec. 3-5, and delivered a lecture in the History Department on the subject of "Work in Progress: A History of the British Empire".

PROF. AZIZ AHMAD is on leave from Jan. 1 to June 30. During this time, he will be Visiting Professor of the Intellectual History of Islamic India at the University of California, Los Angeles.

PROF. L. M. KENNY is on leave of absence for eighteen months to take up the post of associate director of the Center for Arabic Studies at the American University in Cairo.

DR. M. WALKER visited McGill University on Dec. 2, where he gave a seminar entitled, "Theory of Spin-Lattice Relaxation in Insulators".

DR. B. P. STOICHEFF gave an invited lecture on "Light Scattering from Shear Waves in Liquids" at the symposium on the Dynamics of Liquid Structure sponsored by the National Science Foundation and the Acoustical Society of America, in Cleveland, Nov. 19-22.

PROF. R. O. BRINKHURST was the guest of Emory University, Atlanta, Ga., on Dec. 9 and gave a seminar on "The Aquatic Oligochaeta of North America". From Dec. 10 to 14 Prof. Brinkhurst taught the identification of the aquatic oligochaetes of the South Eastern U.S.A. in a course organized by the Federal Water Pollution Control Administration at Georgia State College at Atlanta, the first "workshop" in systematics of organisms important in pollution detection.

PROF. V. E. ENGELBERT became a member of the American Society of Hematology in November.

### Erindale College

PROF. D. H. WATKINSON attended the annual meeting of the Geological Society of America in Mexico City, Nov. 11-13, where he presented a paper entitled "Experimental Study of Relationships Between Niobium Mineralization and Carbonatites".

PRINCIPAL J. T. WILSON attended the annual meeting of the Geological Society of America held in Mexico City, Nov. 11-13, where he presented a paper on "The Current Scientific Revolution in Earth Sciences". On this occasion the Society presented its highest award, the Penrose Medal, to Dr. Wilson. He gave the same paper on Nov. 25 to the Thomas Alva Edison Foundation's 17th Science Institute in Boston, to the Academy of Natural Sciences in Philadelphia on Dec. 5 and to the Department of Geology,

University of Pennsylvania, on Dec. 6. Dr. Wilson gave the first Joseph Henry Memorial Science Lecture in Schenectady, N.Y. on Dec. 7.

PROF. I. W. J. STILL visited York University on Dec. 4 and gave a seminar entitled "Some Recent Advances in Organic Photochemistry".

### Medicine

DR. T. HOFMANN was in the Middle East and Europe for two weeks and visited the Faculty of Agriculture, Rehovoth, Israel. He also gave the following seminars: Weizmann Institute, Rehovoth, Israel: "Zymogen Activation"; Faculty of Agriculture: "pH Controlled Conformation Changes in Elastase"; Hebrew University, Jerusalem: "Studies on Chymotrypsin"; University of Birmingham: "Zymogen Activation". Dr. Hofmann also attended the symposium at the Royal Society, London, on "Proteolytic Enzymes". Towards the end of Dr. Hofmann's trip he visited the Departments of Biochemistry in Paris, Birmingham and Cambridge.

DR. G. R. WILLIAMS gave a seminar on Dec. 9 at the Department of Biochemistry, University of Alberta, Edmonton, entitled "Respiratory Control and the Krebs Cycle".

DR. R. K. MURRAY gave a lecture on Dec. 13 to the Department of Pathology, McGill University, entitled "Studies on the Endoplasmic Reticulum of Liver and Hepatoma".

DR. W. T. W. CLARKE participated with DR. A. POLLARD in the 2-Way Radio Conferences sponsored by the Albany Medical College, Department of Postgraduate Medicine. Their broadcasts which took place on Nov. 18 and Nov. 21, dealt with "Serum Enzymes in Diagnosis". On Nov. 28 Dr. Clarke took part in the General Practitioner's Course on the Genito-Urinary System held at the Toronto Western Hospital. His talk was entitled "Medical Management of Chronic Renal Failure". On Nov. 29 he was a panelist discussing "Drugs and Treatment" during the first All-Canada Meeting on Tropical and Parasitic Diseases and Health, held at the Academy of Medicine, Toronto.

DR. HOWARD J. DRONSKY presented a paper entitled "Cutaneous Leishmaniasis" before the first Canadian Congress on Tropical Diseases at Osler Hall, Academy of Medicine, on Nov. 29.

DR. G. A. DA COSTA presented a paper entitled "Psychiatric Aspects of Language Disorders in Children" at the Public Health Nurses' seminar.

DR. H. GOLOMBEK served as a panel member on a discussion of "Teenagers and Drugs", at the Maimonides Medical Society.

### Law

PROF. G. L. MORRIS attended the Conference on International Resources Law at Queen's University, Nov. 22-23, co-sponsored by the Canadian Branch of the International Law Association and the American Society of International Law.

### Applied Science and Engineering

PROF. D. G. ANDREWS attended the Annual Winter Conference of the American Nuclear Society at Washington, D.C., Nov. 10-15, and visited NASA and National Bureau of Standards. Prof. Andrews, Prof. R. E. JERVIS and W. H. RIDGE addressed the American Society of Safety Engineers at Toronto on Nov. 26, on the subject of "Safety Aspects of Nuclear Use in the Community". Prof. Andrews addressed the Institution of Mechanical Engineers at Toronto on Nov. 27 on the subject of "Education in the Nuclear Engineering Field".

PROF. W. H. RAPSON conducted a seminar on "Pulp Bleaching" at Fredericton, N.B., Oct. 30. He was also a tour speaker for the Chemical Institute of Canada, in Sarnia on Dec. 3 and Hamilton on Dec. 13 on "Trends in the Consumption of Chemicals by the Canadian Pulp and Paper Industry".

The University has received a grant of \$15,000 over a 2-year period from the McLean Foundation towards the cost of research on single cell protein synthesis being carried out in the Department of Chemical Engineering and Applied Chemistry under the direction of Prof. MORRIS WAYMAN. DR. R. D. KING, recently of the University of London, has joined Dr. Wayman as a post-doctoral Fellow under the grant.

PROF. G. R. SLEMON visited Marquette University, Milwaukee, Dec. 3-4, and gave a colloquium on "Modelling of Magnetic Devices". He also presented a paper on "Applications of Magnetic Modelling" to the IEEE Magnetics Group, Milwaukee.

DRS. J. F. KEEFER and F. P. J. RIMROTT attended the annual meeting of the National Committee for Theoretical and Applied Mechanics held at the University of Calgary, Dec. 9. Dr. Rimrott delivered a McMaster University Lecture on Applied Mechanics on Dec. 11, entitled "The Torsion of Long Open Sections".

### Education

PROF. A. S. NEASE spent two weeks of November in Jamaica as part of a team organized to evaluate the Teachers' Colleges in the island. The project was under the auspices of the Institute of Education, University of the West Indies. Prof. Nease has been admitted as a Fellow of the Canadian College of Teachers, a learned society founded in 1958 to advance the standards of teaching and to stimulate professional growth.

PROFS. R. SRAMEK and P. J. BRIGGS attended, on Dec. 12, a presentation ceremony in Ottawa as recipients of National Design Council awards in recognition and support of their research in design education.

PROF. R. J. JONES was one of four outside speakers invited by Glendon College to participate in a colloquium on Language Laboratories, held on Nov. 16. The others were Prof. H. H. STERN of O.I.S.E., Prof. P. R. LEON of University College and Prof. P. CAPRETZ of Yale University.

### Graduate Studies

Four staff members and nine students from the State University of New York at Buffalo, most of them in the Department of Higher Education of the Faculty of Educational Studies, spent Dec. 4 as guests of the

Higher Education group at the University of Toronto. During the morning four subgroups explored curricular reform in the Faculty of Arts and Science, the structure of the University of Toronto, the Office of Institutional Research, and Instructional Aid Resources (ETV, etc.) at York University. At noon, Prof. EDWARD SHOEN, JR. of Buffalo addressed the undergraduate pass option, Higher Education 316, on "Some Reflections on Student Unrest". The group met during the afternoon with members of Prof. EDWARD SHEFFIELD's graduate seminar on "Recurrent Issues in Higher Education".

### Medieval Studies

PROF. JOHN LEYERLE attended a meeting of the steering committee of the Association of Centers of Medieval and Renaissance Studies in New York on Dec. 27 and the annual meeting of the MLA, Dec. 27-29 where he took part in the panel of the Medieval Drama Seminar.

PROFS. ANGUS CAMERON, ROBERTA FRANK, DAVID KLAUSNER, H. A. ROE and WALTER BAK also attended the MLA meeting.

### Social Work

DR. FRANCIS J. BREGHA was elected a member of the newly created Caribbean Committee at the Nov. 5 meeting in Ottawa of the National Executive Committee of the Canadian Institute of International Affairs; became a member on Nov. 13 of a preparatory committee for the 1969 Canadian National Conference on Community Development; was chosen executive secretary of a study group created by the Center for Inter-American Relations, Inc., New York, on Nov. 21, for the study of the ramifications of increased Canadian participation in the hemisphere.

DR. CHARLES E. HENDRY attended sessions of the Advisory Committee on Legal Aid (Ontario) on Nov. 13 and 27; attended a meeting of the Board of Directors, Council on Social Work Education, New York City, on Nov. 21; and of the Steering Committee of the Continuing Conference on Education and Training for the Social Services in Ontario, Dec. 5. He was chairman of a meeting of the Advisory Council on Public Welfare Training, Nov. 19, and of a three-day consultation on "Publication Policy for the Seventies" held by the Association Press, New York City, Nov. 22-24.

PROF. W. HERINGTON was appointed Social Work consultant to Scarborough Centenary Hospital.

DR. RAY JOHNS has been appointed director of the bi-lingual Third Management Development Seminar for senior executives of Canadian social welfare agencies to be held at Lévis, Québec, March 10-14. He attended a meeting of the Organizational Study Commission of the Canadian Welfare Council, in Ottawa, Nov. 5-6; and participated in a three-day consultation on Publications Policy for the Seventies, held by the Association Press, New York City, Nov. 22-24.

DR. ALBERT ROSE addressed a meeting at the North York Public Library on Nov. 20 on "The Apartment Dweller". He attended the third annual meeting of the Vanier Institute of the Family in Ottawa on Nov. 22 and was the closing speaker,

(See page 4, col. 1)



# CUG will study decision-making

(Continued from page 1)

lief that laymen could maintain their status as a group within the university.

The Commission generally agreed that a discussion of the precise numbers or proportions of students and faculty representation on the governing structure was premature at this stage. The Commission decided, however, to consider first the general principle of whether or not students and faculty should have equal representation in the decision-making process.

A student representative argued for acceptance of the general principle of equality on all decision-making bodies, although he conceded that there were specific areas in which an exception would have to be made. One of his student colleagues believed equality should prevail in the most general decision-making bodies—the supreme governing bodies—particularly.

A staff member thought that, from a practical point of view, the decision on this question might have to be made quantitatively rather than qualitatively. If a 50-50 proportion were agreed to in principle, its implementation could require of students more time and work than was possible for them.

Scepticism was expressed with regard to the trend toward using political analogies to describe the university as an institution, since the university traditionally had been concerned with non-political goals of learning and the cultivation of the mind. Even if the political analogy were to be accepted, it would logically follow that students would dominate by virtue of numbers. The concept of 50-50 representation was arbitrary and had not been sufficiently justified as a principle.

A majority representation was politically completely unfeasible in a university the size of University of Toronto, was the student reply. The alternative to equal representation might be a continuation of the present policy whereby any estate of the university had an effective veto power and government was conducted by negotiation with all groups.

Laymen and government representa-

tives would have to be chosen on the basis of different principles than those governing the choice of faculty and students, a student member contended. Students and faculty were regarded as the essential estates; the other three estates—the Government of Ontario, alumni, and the administration—had other functions, history, and contributions to make.

It was suggested that it was not impossible to find a body constituted on a basis of equal representation as well as a body in which there would be substantial representation from all groups, but not necessarily on an equal basis. The Commission would find it essential to consider carefully the various merits of a unicameral form of government, compared with bicameral and other structures.

A plea was made for student equality across the board, since, it was held, the political acumen of the student was equal to that of the faculty member in making general decisions. Opposed to this was the argument that on the whole faculty had a greater commitment and a more extensive intellectual background for the making of academic decisions.

The Commission decided that written briefs now being sought from interested persons both on and off campus would be circulated to members for their information. The Commission might ask the writer of a particularly interesting presentation to appear in person. In addition, if an invited speaker had especially pertinent and helpful ideas, he might be invited to submit his remarks in writing.

The Commission adopted a distinction between papers presented at meetings or prepared by Commission members which might be used as the basis for discussion, and papers in the public domain which could be obtained elsewhere.

Material prepared specifically for the Commission will be open to *The Varsity*, and *Staff Bulletin*, and be available for limited distribution to members of the audience, provided that the person responsible for the document did not object to such distribution.

"The Long-Term Financing of Capital Expenditures in Education".

REG HERMAN was appointed managing editor of *Convergence*, an international journal of adult education published by the Department of Adult Education, OISE. Mr. Herman spent three weeks, Nov. 15-Dec. 5, in Russia on the invitation of the Ukrainian Friendship Society, studying forms of adult education, in school and out of school, in the Soviet Union. The itinerary included cities throughout the Ukraine, and Leningrad and Moscow.

## Hygiene

DRS. K. F. CLUTE and J. E. F. HASTINGS participated in the Conference on Objectives of Medical Education in Ontario, which took place Oct. 20-22. Drs. Clute and Hastings, together with Dr. K. C. CHARRON, spoke at the opening plenary session, a panel discussion on "The Need of the Community for Health Professionals: Definitions and Priorities".

Dr. Hastings spoke at the First Manitoba Health Conference on "Community Health—A Look to the Future" on Nov. 6 and to the Manitoba Public Health Association on "Some Plain Thoughts on the State of Public Health" on Nov. 8, in Winnipeg. On Oct. 29 he addressed the nursing section of the Ontario Hospital Association annual meeting in Toronto on "Quality of Personal Health Care".

DR. R. J. SHEPARD gave a paper on "Physiological Problems of Life in the Tropics" at the first all-Canada meeting on "Tropical and Parasitic Diseases and Health" Nov. 29.

The following members of the staff of the Department of Microbiology have been elected to the following offices in the Laboratory Section, Canadian Public Health Association: DR. F. O. WISHART, past chairman; DR. A. J. RHODES, chairman.

PROF. A. P. RUDERMAN has been appointed to the advisory committee on Public Health Research of the Dominion Council of Health for a three-year term, expiring in 1971. Prof. Ruderman attended the Second Conference on the Economics of Health at the Johns Hopkins University, Baltimore, Dec. 5-7.

## School of Business

W. R. JACK was awarded the 1968 Research Prize of the Federation of Canadian Personnel Associations on Nov. 21 for his original research entitled: "Are Management Attitudes Changed by 'Crash' Executive Development Programs?".

## Aerospace Studies

On Nov. 26, DR. G. N. PATTERSON was moderator of a panel of aerospace experts from Canada, U.S.A., England, France and West Germany. Technical information on new advances in the aerospace sciences was announced for the first time. The panel discussion closed on the subject of the responsibility of the aerospace industry with regard to serious problems introduced by the rapid advancement of aeronautics and astronautics such as aircraft noise and traffic control.

DR. PATTERSON, DR. J. H. DELEEUW and J. LOCKE were invited to the Communications Satellite Corp., Washington, to discuss future co-operation between the Institute for Aerospace Studies and Comsat. Canada's domestic communications satellite is of considerable interest to both organizations. Discussions will continue on an arrangement for establishing a close liaison.

DR. H. S. RIBNER visited the General Electric Co. Research and Development Center, Schenectady, Nov. 6-7, to discuss and view their research on jet engine noise. He attended a meeting of the Acoustical Society of America, Cleveland, Nov. 19-22, along with DR. DEREK MIDDLETON who has been a guest of the Institute from the University of Ibadan, Nigeria. Dr. Ribner also attended the annual meeting of the American Physical Society, Division of Fluid Mechanics, Seattle, Nov. 24-27; he has been elected to the Executive Council of the division.

DRS. J. B. FRENCH and A. J. HOWSMON organized and hosted a one-day colloquium on Surface Science at UTIAS on Dec. 9. Experimental and theoretical techniques relating to surface science were discussed so as to discover the extent of mutual interests of the participants who represented research groups at AECL, NRC, University of Ottawa, Queen's University, University of Toronto (Department of Chemistry), Bell Aerospace Corp., Buffalo, N.Y. and Xerox Corp., Rochester, N.Y. It was decided to hold this colloquium on an annual basis with NRC serving as host for the next meeting.

On Dec. 3, DR. P. A. SULLIVAN, accompanied by W. R. BUCKLEY and D. APPEL visited the Air Cushion Vehicle Laboratory at Bell Aerosystems, Niagara Falls, N.Y. and had technical discussions with the staff on testing simulation of ACVs, using models.

## Bio-Medical Electronics

DR. E. LLEWELLYN THOMAS participated on Nov. 6 in the symposium on Antibacterial Toxicity sponsored by the Canadian Association for Research in Toxicology. On Nov. 19 he addressed the meeting of the Engineering Institute of Canada on the topic of "Biomedical Engineering".

PROF. H. O'BEIRNE represented the Institute at the 21st Annual Conference on Engineering in Medicine and Biology in Houston, Texas, and on Nov. 20 delivered a paper "Calibration of a Multi-Electrode ECG Lead System for Torso Resistivity".

## Computer Science

PROF. L. MEZEI delivered a talk on "Computers and the Visual Arts" at the English Department, McGill University, as part of their Open House on Oct. 25. On Nov. 28 Prof. Mezei talked to the IEEE Computer Group, Toronto, on "Computer Graphics on a Shoestring".

During the week of Nov. 26-29, PROF. R. NORTHCOTE from the University of Illinois gave a series of lectures on programming languages, translator writing systems, and machine organization.

DR. G. MANACHER of the University of Chicago delivered a colloquium to the department entitled "Very Fast Syntax Analysis" on Dec. 2.

PROF. I. BABUSKA of the University of Prague, Czechoslovakia, gave two lectures on "Problems of Numerical Stability" on Dec. 9 and 10.

PROF. R. L. JOHNSTON visited Lakehead University, Port Arthur, and gave a talk on "Variables Accessible Relaxation" on Dec. 4. The following day he delivered a talk on "Generalized Gerschgorin for Partitioned Matrices" at the University of Saskatchewan, Regina campus.

## Staff warned against fake 'telephone men'

All members of the staff are warned by Safety and Security to be on guard against thieves who have been operating in university buildings by falsely representing themselves to be telephone company employees.

Anyone who attempts to enter an office by claiming to be a telephone employee should be asked for identification. Bell Canada service men carry identification cards which bear a picture of the employee on one side and personal information, such as height, weight, colour of hair and eyes, on the other. Any attempt to tamper with the card is immediately apparent because it is printed on bank-note paper and sealed in plastic.

Staff members are urged to telephone the university emergency number, 928-2222, immediately if any stranger saying he is a telephone employee cannot identify himself or offers obviously false credentials.

## EXHIBITIONS

An exhibition of ancient Tunisian mosaics which has toured major museums in Europe and the U.S. ROM until Feb. 16.

Exhibit of Canadian Pioneer Airmail stamps from the gold medal collection of N. A. Pelletier of Toronto. ROM Lower Rotunda. Until Feb. 28.

A special exhibition of North American Indian paintings by Paul Kane and George Catlin. The Sigmund Samuel Canadiana Building until Jan. 27.

Photographic exhibition by Armin Walter may be seen until Jan. 27. Monday to Friday, 9 a.m.-5 p.m. Victoria University, Alumni Hall.

"War Game". An exhibition of prints by Jacques Callot (1592-1635) and Stefano della Bella (1610-1664), depicting Europe during the Thirty Years' War of the 17th century. ROM, Third Floor Rotunda. Jan. 28 to Feb. 23.

McLaughlin Planetarium. "Ways of the Planets", Jan. 7-March 2. Tuesday to Friday, 3.30 and 8 p.m.; Saturday, 11 a.m., 2, 3.30, 5 and 8 p.m.; Sunday, 2, 3.30 and 5 p.m. Buy tickets in advance at the Planetarium Box Office. Adults \$1, Children (8-14 years) 50¢. Children under eight years old not admitted to the Star Theatre.

## Open new parking lot at 100 Devonshire Place

Staff members who drive may not be aware of the recently opened parking lot at 100 Devonshire Place, just north of St. Hilda's College. This lot, which can accommodate 60 cars, has not been fully utilized to date.

# STAFF NOTES

(Continued from page 3)

summarizing the discussions of six workshops.

DR. BENJAMIN SCHLESINGER spoke on Nov. 13 to the National Council of Jewish Women in Toronto on "Ethnic Life in Toronto".

DR. B. Z. SHAPIRO began a series of nine lectures at the Adult Education Institute of Beth Tzedec Congregation on "Jewish Social Problems", and has been appointed to the Camp Committee of Camp Boulderwood under the auspices of the University Settlement.

## Dentistry

DR. P. T. SMYLSKI presented a paper entitled "Considerations in Surgery of the Malformed Mandible" at the International Association of Oral Surgeons Conference in New York on Oct. 9.

DRS. J. BIELAWSKI, D. CHIANG, R. GROSE, E. LANGENHOLT and J. DALE will present an eight month course in Oral Anatomy and Occlusion to the dental technicians enrolled at George Brown College.

DR. D. W. LEWIS attended a Conference on Clinical Testing of Cariostatic Agents in Chicago from Oct. 14 to 16.

DR. M. JACKSON attended a meeting of Canadian Dental Hygiene Directors in London on Oct. 23.

DR. A. M. HUNT attended the executive meeting of the Canadian Public Health Association in Toronto on Nov. 5 and 6. He also attended the meeting of the Ad Hoc Committee on Dental Auxiliaries in Ottawa on Nov. 15.

## Pharmacy

DEAN F. N. HUGHES attended the first meeting of the Association of Schools of Allied Health Professions in Miami Beach, Nov. 22-27. He attended the annual meeting of the Association of Deans of Schools of Pharmacy in Canada in Ottawa and was re-elected president of the Association.

PROFS. R. M. BAXTER and M. H. FREED-

MAN attended the Conference on Specificity of Serological Reactions: Landsteiner Centennial, in New York City, Dec. 5-7.

PROF. M. H. FREEDMAN was presented with a life membership certificate in the New York Academy of Sciences, as the 25,000th member. The presentation took place at the annual meeting of the Academy on Dec. 4.

## Architecture

PROF. GERALD HODGE chaired a panel discussion on "Planning of the Canadian North" on Dec. 4 at the meeting of the Town Planning Institute of Canada.

## Ontario Institute for Studies in Education

DOUGLAS G. CRAWFORD chaired the Educational Research Association of New York State (ERANYS) Conference, "A Student-Centered Instructional Computing System—Problems and Prospects". Members of the Department of Computer Applications, OISE, and a representative from the University of Connecticut participated in the session at Kiamasha Lake, N.Y., Nov. 7.

DR. V. D'OYLEY addressed the annual conference of Headmasters' Association of Canada on the subject "Can Measurement Improve the Learning Process?" in St. Catharines, Nov. 18. Dr. D'Oyley also attended the Minister of Education Advisory Committee meeting in Toronto, Nov. 7.

DR. J. ROBY KIDD addressed the annual conference of the Asian Broadcasting Union on "Broadcasting in Literacy and Adult Basic Education", in New Delhi, India, Nov. 22. Dr. Kidd also presented a position paper to a special conference of vice-chancellors of Indian Universities in New Delhi on "Continuing Education and the University", Nov. 23-28.

PROF. E. BROCK RIDEOUT attended the Conference on Educational Finance, called by the Newfoundland Government, in St. John's, Dec. 3-5. He delivered a paper,